

Exercise 1 The following table contains the values of a circular function g .

x	0	4.5	9	13.5	18	22.5	27	31.5	36
$g(x)$	2	5	2	-1	2	5	2	-1	2

The period of g is . The midline of m is $y =$. The amplitude of g is .

On the interval $(0, 4.5)$, g is (increasing ✓/ decreasing).

On the interval $(22.5, 31.5)$, g is (increasing/ decreasing ✓).

Since g is periodic, $g(-72) =$.